

Appendix A

Soil Mapping Units Identified as Correlates of Riparian Vegetation

Soil Survey of Eastern Fresno Area, California

Reach: Reach 1 and Reach 2 (Friant Dam to Mendota Dam)

Scale: 1:24,000

Year: 1971

Code	Soil Mapping Unit
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Cr	Chino loam
Cs	Chino loam, saline-alkali
Dm	Dello loamy sand
Dn	Dello sandy loam
Ga	Grangeville sandy loam
Ge	Grangeville sandy loam, sandy substratum
Gf	Grangeville fine sandy loam
Gg	Grangeville fine sandy loam, saline-alkali
Gl	Grangeville fine sandy loam, gravelly substratum
Gm	Grangeville fine sandy loam, sandy substratum
Gp	Grangeville soils, channeled
GtA	Greenfield sandy loam, 0 to 3 percent slopes
Ha	Hanford coarse sandy loam
Hc	Hanford sandy loam
Hd	Hanford sandy loam, benches
He	Hanford sandy loam, gravelly substratum
Hi	Hanford gravelly sandy loam
Hm	Hanford fine sandy loam
Hst	Hesperia fine sandy loam, moderately deep
Pk	Pits
PmB	Pollasky sandy loam, 2 to 9 percent slopes
Rh	Riverwash
Tr	Traver sandy loam
TzaA	Tujunga sand, 0 to 3 percent slopes
TzbA	Tujunga loamy sand, 0 to 3 percent slopes

TzbB Tujunga loamy sand, 3 to 9 percent slopes
 TzcA Tujunga loamy sand, gravelly substratum, 0 to 3 percent slopes
 TzdA Tujunga cobbly loamy sand, 0 to 3 percent slopes
 TzeB Tujunga soils, channeled, 0 to 9 percent slopes
 Wu Wunjey silt loam

Soil Survey of Fresno County, California, Western Part

Reach: Mendota Dam to the Merced County line
 Scale: 1:24,000
 Year: (In prep.)

Code Soil Mapping Unit

311 Bisgani sandy loam, drained, 0 to 1 percent slopes
 941 Bisgani-Elnido association, 0 to 1 percent slopes
 115 Bolfar loam, drained, 0 to 1 percent slopes
 320 Elnido sandy loam, drained, 0 to 1 percent slopes
 325 Palazzo sandy loam, drained, 0 to 1 percent slopes

Soil Survey - Madera Area, California

Reach: Friant Dam to Merced County line
 Scale: 1:20,000
 Year: 1962

Code Soil Mapping Unit

CaA Cajon loamy sand, 0 to 1 percent slopes
 CaaA Cajon loamy sand, slightly saline-alkaline, 0 to 1 percent slopes
 CfaA Chino fine sandy loam, slightly saline-alkali, 0 to 1 percent slopes
 CmA Columbia fine sandy loam, 0 to 1 percent slopes
 CoA Columbia loamy sand, 0 to 1 percent slopes
 CrB Columbia soils, channeled, 0 to 8 percent slopes
 FbA Foster loams, 0 to 1 percent slopes
 FbeA Foster loams, moderately deep and deep over Temple soils, 0 to 1 percent slopes
 GaA Grangeville fine sandy loam, 0 to 1 percent slopes
 GbA Grangeville loam, moderately saline-alkali, 0 to 1 percent slopes
 GmA Grangeville sandy loam, 0 to 1 percent slopes
 Gp Gravel pits
 HaA Hanford fine sandy loam, 0 to 1 percent slopes
 HeB Hanford gravelly sandy loam, 3 to 8 percent slopes

HfA	Hanford sandy loam, 0 to 3 percent slopes
Rh	Riverwash
TwA	Tujunga loamy sand, 0 to 3 percent slopes
TwB	Tujunga loamy sand, 3 to 8 percent slopes
Txa	Tujunga loamy sand, moderately deep and deep over hardpan, 0 to 3 percent slopes
TzB	Tujunga and Hanford soils, channeled, 0 to 8 percent slopes
VaA	Visalia fine sandy loam, 0 to 1 percent slopes
VdA	Visalia sandy loam, 0 to 3 percent slopes
WvA	Wunje very fine sandy loam, moderately saline-alkali, 0 to 1 percent slopes
WyB	Wunje very fine sandy loam, strongly saline-alkali, channeled, 1 to 8 percent slopes

Soil Survey - Merced Area, California

Reach: Eastern side of the San Joaquin River within Merced County
 Scale: 1:20,000
 Year: 1962

Code	Soil Mapping Unit
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CaA	Columbia fine sandy loam, moderately deep and deep, 0 to 1 percent slopes
CbA	Columbia loam, deep over hardpan, slightly saline, 0 to 1 percent slopes
CcA	Columbia silt loam, deep and moderately deep, 0 to 1 percent slopes
CeA	Columbia soils, channeled, 0 to 3 percent slopes
DdB	Delhi loam sand, 3 to 8 percent slopes
DrA	Dinuba sandy loam, slightly saline-alkali, 0 to 1 percent slopes
GdA	Grangeville loam, moderately saline-alkali, 0 to 1 percent slopes
HaA	Hanford fine sandy loam, 0 to 1 percent slopes
HcB	Hanford fine sandy loam, channeled, 0 to 8 percent slopes
HhA	Hilmar loamy sand, slightly saline-alkali, 0 to 3 percent slopes
MmA	Merced clay loam, slightly saline, 0 to 1 percent slopes
MoA	Merced clay loam, strongly saline, channeled, 0 to 3 percent slopes
MpA	Merced silt loam, overwashed, slightly saline, 0 to 1 percent slopes
Rf	Riverwash
TcA	Temple clay loam, slightly saline, 0 to 1 percent slopes
TdA	Temple clay loam, slightly saline, channeled, 0 to 3 percent slopes

Soil Survey of Merced County, California, Western Part

Reach: Western side of the San Joaquin River within Merced County
 Scale: 1:24,000
 Year: 1990

Code	Soil Mapping Unit
103	Alros clay loam, partially drained
137	Bisgani loamy sand, partially drained
138	Bisgani clay loam, occasionally flooded
139	Bolfar clay loam, partially drained
170	Dospalos clay loam, partially drained
173	Dospalos - Bolfar complex, occasionally flooded
178	Elnido sandy loam, partially drained
180	Elnido clay loam, partially drained
181	Escano clay loam, partially drained
186	Fluvaquents, channeled
228	Palazzo sandy loam, partially drained
283	Xerofluvents, channeled